

# **2015 MULTIPLE HOME AND OUTBUILDING DEMOLITION PROJECT DEMOLITION AND SITE CLEARANCE SPECIFICATIONS**

## **1. GENERAL**

- a. The Contractor shall furnish all labor, materials, tools and equipment necessary to perform the demolition work indicated herein.
- b. The Contractor shall perform the following, in connection with this contract:
  - Demolition of the structures at: 602 W. 4th Street, Delta, CO 81416, and 1390 E. 3rd Street, Delta, CO 81416
  - Performing necessary asbestos abatement required in the included asbestos inspection report
  - Protection of existing adjacent structures and property
  - Entire removal of existing foundations, foundation walls and basement floor, in any, including accessory private sidewalks, driveways, fences, certain vegetation as required.
  - Removal from site of all excess debris
  - Protection of existing trees, public sidewalks, signs, utilities and other items that are to remain as required
  - Obtain all necessary permits and paying all fees outside of the State required Demolition permit that will be addressed by the City Engineer.
  - Disconnecting, capping and sealing of existing sanitary service in accordance with instructions from the City of Delta Department of Public Works
  - Backfilling and compaction of basement areas, etc.
  - Verifying all utilities are disconnect services before demolition

## **2. ASBESTOS ABATEMENT**

- a. Prior to demolition asbestos abatement is required on each of the properties. Contractor is cautioned that some buildings contain asbestos material and/or asbestos containing material or other contaminants. It is the responsibility of the contractor to identify, remove and lawfully transfer to a licensed landfill all such contaminants
- b. The Contractor or subcontractor performing the asbestos or other contaminate removal shall be a firm of established reputation, which is regularly engaged in, and which maintains a regular force of workers skilled in such abatement, and shall have performed this work on previous projects. The Contractor or Subcontractor must be recognized as a qualified contractor from the included list of approved abatement professionals by the Colorado Department of Public Health & Environment and provide the City evidence of the same within one (7) business day of the bid opening. The contractor shall comply with all laws, rules and regulations regarding such removal including, but not limited to, the requirements of the Colorado Department of Public Health & Environment and any emergency rules related to Asbestos, Occupational Safety and Health Act Rule 1910, 93A, USA EPA National Emission Standards for Hazardous Air Pollutants Asbestos Regulations (40 CFR 61); and the Environmental protection Agency. The laboratory which the Contractor or Subcontractor employs shall be regularly engaged in asbestos testing, and personnel used for monitoring airborne concentrations of asbestos fibers shall be proficient in this field, and approved by the City.
- c. All contaminated materials shall be disposed of in a licensed Class II landfill, the contractor or subcontractor shall submit all shipping manifests showing the means of transportation, the receiving party, location and disposition. In addition, prior to removal from the site, the contractor or subcontractor shall verify the volume of material.

## **3. DEMOLITION**

- a. Demolition shall be conducted in a timely manner and shall be completed within 30 days of the Contractor's Notice to Proceed
- b. All demolished materials become the property of the Contractor, unless otherwise indicated and shall be promptly removed from the site.
- c. The Contractor shall remove all equipment, machinery, trade or other fixtures remaining in the building.
- d. All damage incurred in the demolition operation to structures, walks, paving or other property to remain shall be the responsibility of the Contractor; he shall pay all costs resulting from such damage

- e. The demolition shall be conducted in strict accordance with all laws, ordinances and codes having jurisdiction.
- f. During demolition operations; the Contractor shall keep the work wetted down to prevent dust and dirt rising. The Contractor shall arrange to obtain water with the City of Delta.
- g. The Contractor shall, before starting demolition, disconnect or cause to be disconnected, all sewer services under the direction of the City of Delta Department of Public Works. The Contractor shall pay all charges in connection with sewer disconnection. The water service will be disconnected by the City.
- h. The Contractor shall, before starting demolition, verify all utilities services were disconnected to the properties in question. The City has The Contractor shall pay all charges in connection with the sewer disconnection.

#### **4. MAINTAINING TRAFFIC**

- a. The Contractor will not close or obstruct streets or store materials on sidewalk, alleys, passageways or right-of-way, unless authorized by the Director of Public Works or his designee.
- b. The Contractor will conduct his operations with a minimum interference with roads, streets, driveways, alleys, sidewalks and other means of ingress and egress.
- c. The Contractor shall provide, erect and maintain lights, barriers, and other items as may be required to maintain traffic, or as required by local ordinance

#### **5. PROTECTION OF PROPERTY**

- a. The Contractor shall protect adjacent property against damages which might occur from falling debris or other cause
- b. Where applicable, the Contractor shall take precaution to guard against movement or settlement of adjacent buildings. The Contractor shall provide and place bracing and shoring as required. If at any time the safety of adjacent structures appears to be endangered, the Contractor shall cease operations and notify the Building Inspector.
- c. If additional shoring or bracing is required, it shall be furnished without additional cost by the Contractor.
- d. The Contractor shall maintain access to, and from, adjacent properties as required.

## 6. SALVAGE OR DISPOSAL

The Contractor shall be entitled to all materials, except as specifically tagged and marked to be removed by the City, from the building to be demolished; but all piping, conduits, cables and other equipment belonging to public service companies shall not become the property of the Contractor, unless abandoned by the various companies owning or controlling the same.

## 7. DEMOLITION PROCEDURE

- a. Materials and debris resulting from the demolition shall be removed from the premises as rapidly as possible by the Contractor.
- b. After demolition of the building, all refuse and debris caused by the demolition shall be removed from the site. No material shall be allowed to remain within, or to be used to fill, any basement area or other sun-surface void or vault.

## 8. BACKFILLING OPERATIONS

- a. Upon removal of all debris, foundation walls, floors etc., on-site approved materials, soil and/or pit run backfill as approved by the City shall be placed and compacted to finish grade.
- b. No basement shall be filled until an authorized representative of the City has approved the removal of the existing basement floor.
- c. The backfill material shall be **6 inch minus Pit Run** material. Contractor shall furnish additional backfill material should adequate on-site approved material not be available. The backfill material shall be compacted in 6 inch lifts within 12 inches of finished grade.
- d. Contractor shall cover the last 12 inches with **native topsoil**.
- e. Final site grading shall be as directed by the City.

## 9. UTILITY REQUIRED DURING CONTRACT

All utilities and services necessary for the completion of the work shall be installed by the City of Delta for the Contractor and shall be removed when no longer required.

## **10. PRIVATE PROPERTY**

The Contractor shall not enter upon private property for any purpose without obtaining written permission, and shall be responsible for the preservation of all public property, trees, monuments, and other items along, and adjacent to, the street and/or right-of-way, and shall use every precaution necessary to prevent damage to pipes, conduits, and other underground structures, and shall protect carefully from disturbance or damage all monuments and property marks, until an authorized agent has witnessed, or otherwise referenced, their location and shall not remove them until directed.

## **11. REMOVAL OF CONSTRUCTION EQUIPMENT, TOOLS AND SUPPLIES:**

At the termination of this contract, before acceptance of the work by the City, the Contractor shall remove all equipment, tools, and supplies from the property. Should the Contractor fail to remove such equipment, tools and supplies, the City shall have the right to remove the same and charge the Contractor for storage.

## **12. SHORING AND BRACING**

- a. The Contractor shall be responsible for providing all bracing, shoring, needling, anchoring and other supports for other work in this contract. The nature of the work as it progresses may require an order to make the existing adjacent work stable and secure, even where such items are not specifically called for. These items shall be of adequate size for their purpose and shall consist of sound timbers or steel shapes with provision for adjustment.
- b. The Contractor shall be held responsible for all damage due to his failure to provide adequate shoring and bracing of work in this contract

## **13. PUMPING AND DRAINAGE**

The Contractor shall provide and maintain all pumps, hose, strainers, connections and other equipment necessary to continually remove water of any kind or source from pits, tunnels or other locations where work in this contract is to be done.

## **14. ADJOINING PROPERTY**

- a. The Contractor shall be fully responsible for any and all damage or injury to property outside of the project limits caused by his work

- b. The City shall be relieved of any and all responsibility from any and all claims due to such injury or damage, and the Contractor shall defend any action or law or equity brought by reason thereof.

## **15. GARBAGE DISPOSAL**

The Contractor shall be responsible for the disposal of all garbage generated.

## **16. LIFTING DEVICES AND HOISTING FACILITIES**

- a. The Contractor shall provide hoists and other lifting devices necessary for the execution of this contract, including all operating personnel as required.
- b. Equipment shall be provided by the Contractor with proper guys, bracing and other safety devices as required by Federal, State and Local codes.

## **17. BARRICADES AND SIGNS**

The Contractor shall provide adequate barrier fence and signs and take all necessary precautions for the protection of the work and safety of the public

## **18. INSURANCE**

The Contractor shall provide the insurance set forth in Article 18 of the Construction Contract

## **19. Contractor shall hold City harmless from all claims arising out of the operations hereunder**

## **20. It is mutually agreed that Contractor is an independent contractor and not an employee agent or servant of the City.**